

CLAIMS

Sub
B3

1. A helicopter blade assembly for permitting
rapid forward flight in a helicopter having separate
5 means for providing a forward impetus, comprising:

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a

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substantially vertical mast; and
a set of rotatable blades which sweep out the
shape of a virtual disk having the properties
of a lifting body when they are rapidly rotated
by the mast.

2. The assembly of claim 1, further
comprising means for controlling the camber of the
blades, thereby controlling the shape of the virtual
15 disk.

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